Marlborough

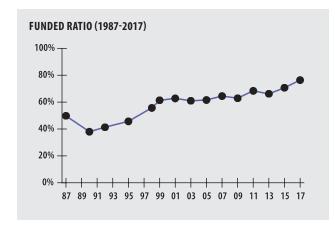
255 Main Street, Suite 201 Marlborough, MA 01752-3812 Phone 508-460-3760 Fax 508-481-7814

Board Members

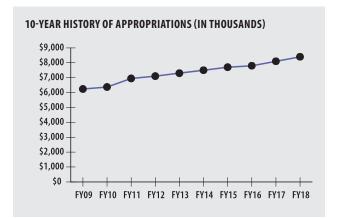
Gregory P. Brewster (Chairperson), David Keene, Diane Smith, Daniel Stanhope, William S. Taylor

Board Administrator Margaret R. Shea **Board Meeting**

Varies



INVESTMENT RETURN (2013-2017, 5 YEAR AND 33 YEAR AVERAGES) 16% 14% 12% 10% 8% 6% 4% 2% 0% 13 14 15 16 17 13-17 85-17

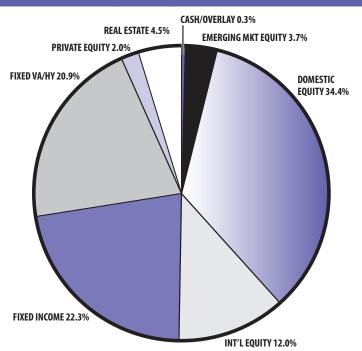


33 years 2017 32 years 2016 31 years 2015 8.46% 8.31% 8.30% 10 years 2017 10 years 2016 10 years 2015 5.81% 5.17% 5.63% 5 years 2017 5 years 2016 5 years 2015 8.18% 6.47% 7.71%

ACTUARIAL

76.4%
01/17
Sherman
7.50%
4.5% Increasing
2025
\$47.3 M
\$8.4 M
VE RETIRED
510 415
5 M \$12.1 M
\$29,100
NA 71
NA NA
4

ASSET ALLOCATION (12/31/17)



EARNED INCOME OF DISABILITY RETIREES (2016)

2017 Patricina	13 400/
► Total Amount of Refund Due	\$0
► Number of Excess Earners	0
▶ Number Who Reported Earnings	8
► Number of Disability Retirees	37

▶ 2017 Return	13.49%
▶ 2017 Market Value	\$172.0 M
▶ 2013-2017 (Annualized)	8.18%
▶ 1985-2017 (Annualized)	8.46%

INVESTMENT RETURN HISTORY